

PATIENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

Date of mailing (day/month/year) 25 January 2000 (25.01.00)	in its capacity as elected Office
International application No. PCT/US99/08975	Applicant's or agent's file reference WSUR-113787
International filing date (day/month/year) 23 April 1999 (23.04.99)	Priority date (day/month/year) 24 April 1998 (24.04.98)
Applicant XIA, Zhi-Qiang et al	
1. The designated Office is hereby notified of its election made:	
<input checked="" type="checkbox"/> in the demand filed with the International Preliminary Examining Authority on: <u>19 November 1999 (19.11.99)</u>	
<input type="checkbox"/> in a notice effecting later election filed with the International Bureau on: <hr/>	
2. The election <input checked="" type="checkbox"/> was	
<input type="checkbox"/> was not	
made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).	

<p>The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No.: (41-22) 740.14.35</p>	<p>Authorized officer</p> <p>Christelle Croci</p> <p>Telephone No.: (41-22) 338.83.38</p>
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US99/08975

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) :Please See Extra Sheet.
 US CL :435/190, 69.1; 536/23.2; 530/350
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/190, 69.1; 536/23.2; 530/350

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 STIC SEARCHED SEQ ID NO: 1, 3, 5, 7, 9

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 APS; STN, MEDLINE, CAPLUS, BIOSIS, SCISEARCH, EMBASE, JAPIO, PATOSWO, PATOSEP

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DAVIN, L.B. et al. Lignin and Lignan Biochemical Pathways in Plants: Unprecedented Discovery in Phenolic Coupling. Anais da Academia Brasileira de Ciencias. April 1995, Vol. 67, Supl. 3, pages 363-378.	1-23
Y	UMEZAWA et al. Formation of Lignans (-)-Secoisolariciresinol and (-)-Matairesinol with Forsythia intermedia Cell-free Extracts. J. Biol. Chem. 05 June 1991, Vol. 266, No. 16, pages 10210-10217, see entire document.	1-7, 11-16, 19

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	*T*	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
A document defining the general state of the art which is not considered to be of particular relevance		
E earlier document published on or after the international filing date	*X*	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*Y*	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
O document referring to an oral disclosure, use, exhibition or other means	*&*	document member of the same patent family
P document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

13 JULY 1999

Date of mailing of the international search report

23 AUG 1999

Name and mailing address of the ISA/US
 Commissioner of Patents and Trademarks
 Box PCT
 Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

RICHARD HUTSON

Telephone No. (703) 308-0196

D. Lawrence Fox

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US99/08975

A. CLASSIFICATION OF SUBJECT MATTER:

IPC (6):

C12N 9/00, 9/04, 1/00, 1/20, 5/00, 5/10, 15/09, 15/10, 15/29, 15/52, 15/53, 15/63